# **Residence for**

# Garman Homes Lot 0100 Serenity Fuquay Varina, North Carolina

# INDEX TO DRAWINGS

COVER SHEET FIRST FLOOR FRAMING PLAN SECOND FLOOR FRAMING PLAN FRONT & LEFT SIDE ELEVATIONS S2 S3 REAR & RIGHT SIDE ELEVATIONS FIRST & SECOND FLOOR PLANS ROOF FRAMING PLAN S4 FIRST & SECOND FLOOR ELECTRICAL PLANS S5 OPTIONAL IN-LAW SUITE DETAILS FIRST & SECOND FLOOR MECHANICAL PLANS SD1 STRUCTURAL DETAILS FIRST FLOOR PLUMBING PLAN SD2 STRUCTURAL DETAILS D CONSTRUCTION DETAILS SD3 STRUCTURAL DETAILS SPEC CONSTRUCTION SPECIFICATIONS **GENERAL NOTES** 1. ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE, 2018 EDITION 1. PLANS ARE DESIGNED TO THE 2018 N.C.S.R.B.C. (HEREWITH SHOWN AS N.C.S.R.B.C.) DESIGN WIND SPEED), EXPOSURE B. 2. DIMENSIONS SHOWN ON DRAWINGS GOVERN OVER SCALE. 3. STUD WALL DESIGN SHALL CONFORM TO ALL N.C.S.R.B.C. THE CORNER REQUIREMENTS 4. CONTRACTOR SHALL USE TEMPERED SAFETY GLASS IN ALL 4. MEAN ROOF HEIGHT: 30'-6" LOCATIONS AS REQUIRED BY N.C.S.R.B.C., 2018 EDITION, SECTION R308.4. 5. ANY HABITABLE ROOM SHALL MEET ALL LIGHT/VENTILATION AND EGRESS AS REQUIRED BY N.C.S.R.B.C. 2018 EDITION, SECTIONS R-303.1 AND R-310.1 6. ALL EXTERIOR WALLS SHOWN ON FLOOR PLANS ARE 2X6 FRAME UNLESS NOTED OTHERWISE. ALL INTERIOR WALLS SHOWN ON FLOOR PLANS ARE 2X4 FRAME UNLESS NOTED OTHERWISE 6. MINIMUM VALUES FOR ENERGY COMPLIANCE: Zone 4 7. ALL ANGLED WALLS SHOWN ON FLOOR PLANS ARE 45 UNLESS 7. MAXIMUM GLAZING U-FACTOR: .35 NOTED OTHERWISE. 8. INSULATING VALUES: CEILING: R-38 / WALLS: R-15 / FLOOR: R-19 SLABS: R-10. CODE REFERENCE: TABLE N1102.1 8. ALL WINDOWS SHALL HAVE A MINIMUM DPI RATING OF 25. BUILDER SHALL VERIFY WITH WINDOW MANUFACTURER THAT UNITS INSTALLED MEET THESE REQUIREMENTS AS PER N.C.S.R.B.C., 2018 EDITION, TABLE AREA CALCULATIONS 301.2(4)

9. ENERGY EFFICIENCY REQUIREMENTS FOR THE SPECIFIC CLIMATE ZONE WHERE STRUCTURE IS BEING BUILT SHALL BE IN ACCORDANCE WITH CHAPTER 11 OF THE N.C.S.R.B.C., 2018 EDITION, AS SHOWN IN SECTION N1101.2

# MATERIALS LEGEND



TOWEL RING

MEDICINE CABINET

MAGAZINE RACK

TP TR

MC

MR

FOUNDATION PLAN

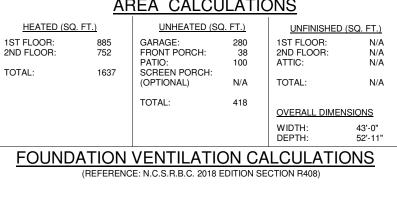
### **RESIDENTIAL BUILDING CODE SUMMARY**

2. HOUSE IS DESIGNED FOR 115 MPH ULTIMATE DESIGN WIND SPEED (89 MPH NOMINAL

3. ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER AND SHALL EXTEND 7" MIN. INTO MASONRY OR CONCRETE. BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" FROM

5. COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS:

MEAN ROOF HGT:	<u>UP TO 30'</u>	30'-1" TO 35'	35'-1" TO 40'	40'-1" TO 45'
ZONE 1	16.5,-18.0	17.3,-18.9	17.3,-18.9	17.3,-18.9
ZONE 2	16.5,-21.0	17.3,-22.1	17.3,-22.1	17.3,-22.1
ZONE 3	16.5,-21.0	17.3,-22.1	17.3,-22.1	17.3,-22.1
ZONE 4	18.0,-19.5	18.9,-20.5	18.9,-20.5	18.9,-20.5
ZONE 5	18.0,-24.1	18.9,-25.3	18.9,-25.3	18.9,-25.3



NOT APPLICABLE WITH SLAB FOUNDATIONS

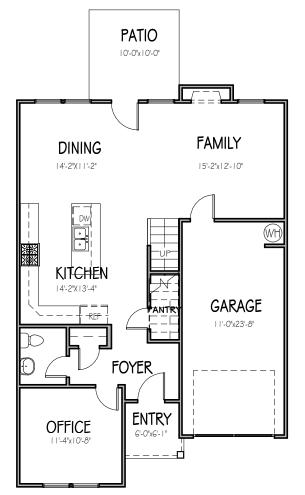
# ATTIC VENTILATION REQUIREMENTS

NATURAL ROOF VENTILATION CALCULATIONS MECHANICAL ROOF VENTILATION CALCULATIONS

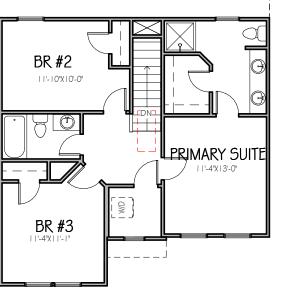
1203 SQ. FT. = 8.02 SQ. FT. VENT REQ'D 150 BUILDER TO PROVIDE APPROPRIATE VENTILATING AS REQUIRED PER CODE

<u>1203 SQ. FT.</u> = 4.01 SQ. FT. VENT REQ'D 300 BUILDER TO PROVIDE APPROPRIATE VENTILATING AS REQUIRED PER CODE









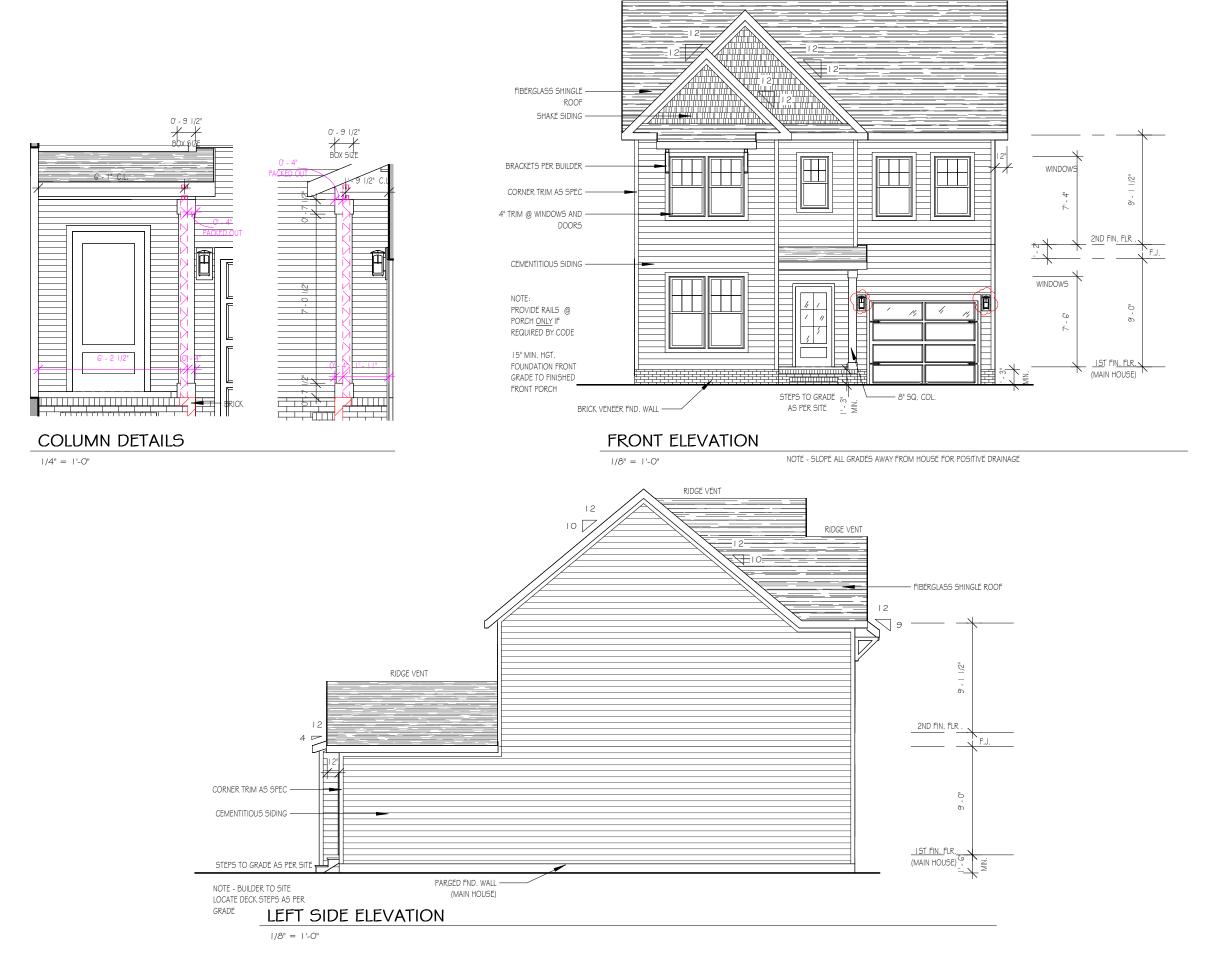


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Project Number
Project Number
Plan Number
FP-1644



Drawn By	
MMH	
Checked By	
JM	
Date Drawn	
2/16/20	
Revision Date	
7/1/20	
4/5/22	
11/22/22	



THE PURPOSE OF THESE DRAWINGS IS TO SHOW THE INTENT OF THE DESIGN AND CONSTRUCTION OF THIS HOME. CONTRACTOR SHOULD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ONCE A PERMIT HAS BEEN ISSUED, CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY TO THE ACCURACY OF THE PLANS AND ANY CHANGES MADE DURING CONSTRUCTION.



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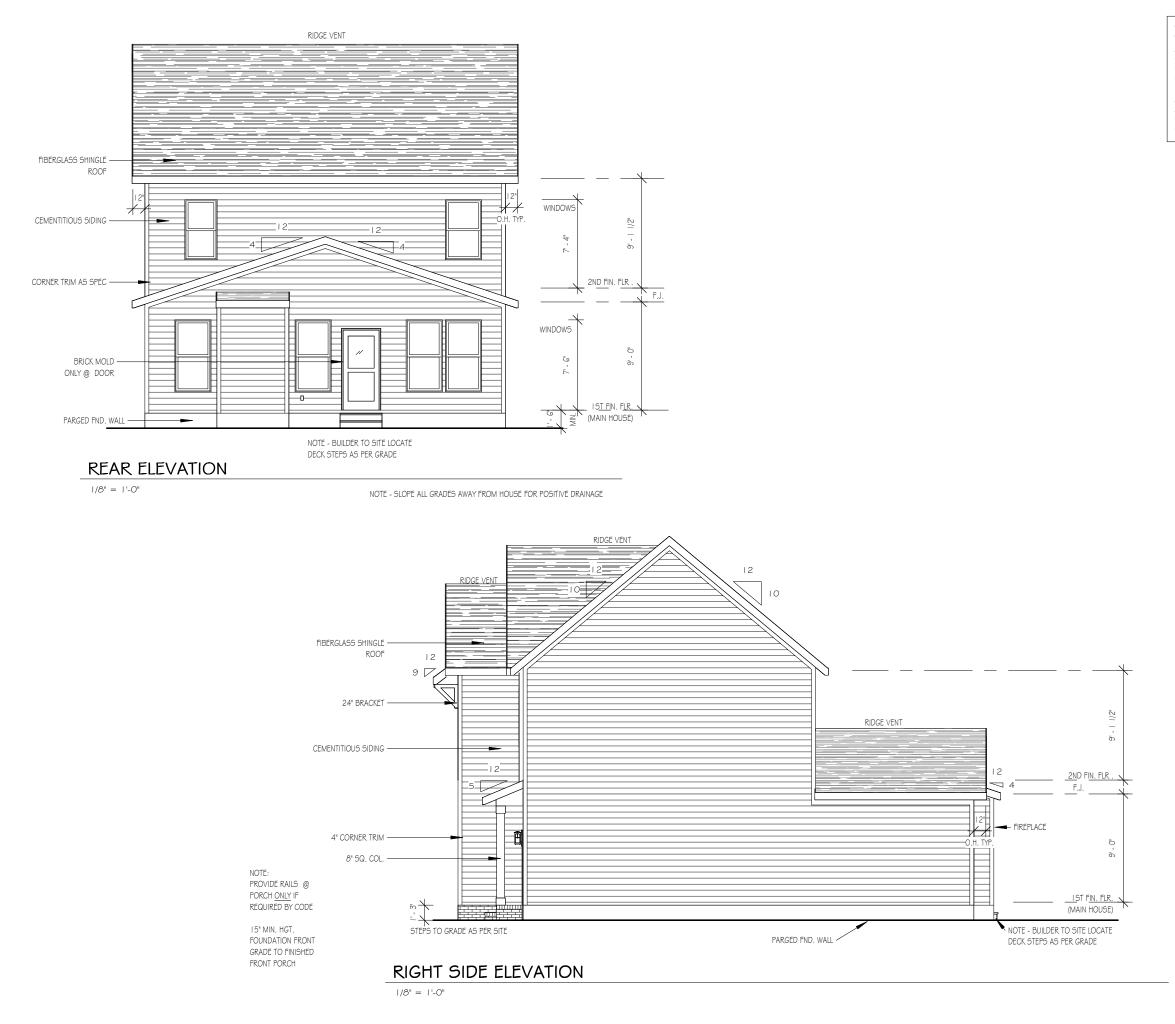
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4/5/22

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SER ELEVATION B LOT 0100 SERENITY

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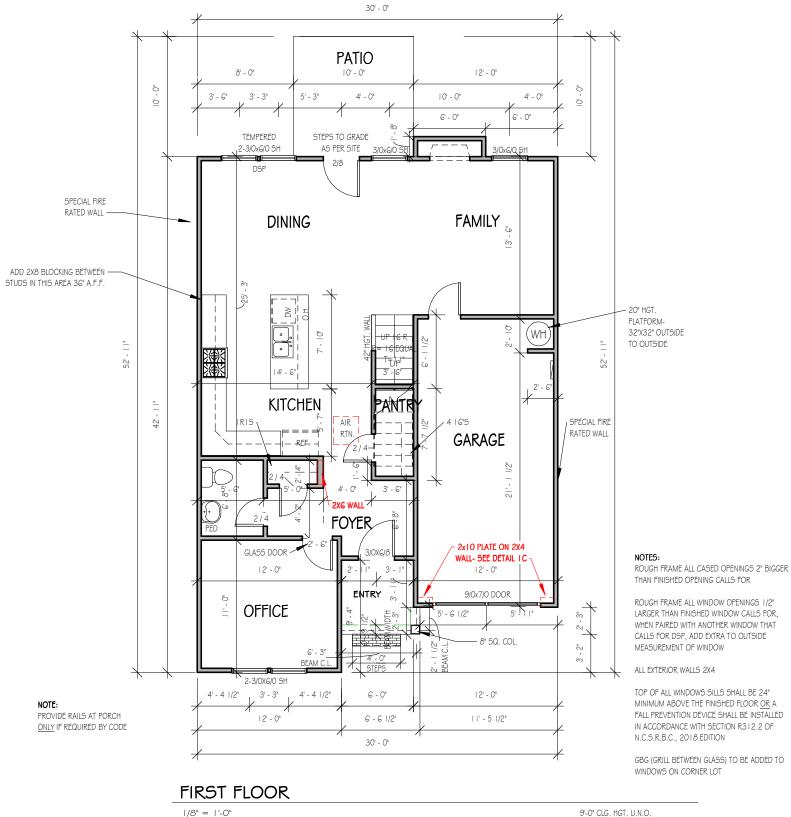
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2





SET WINDOWS @ 7'-6" U.N.O.

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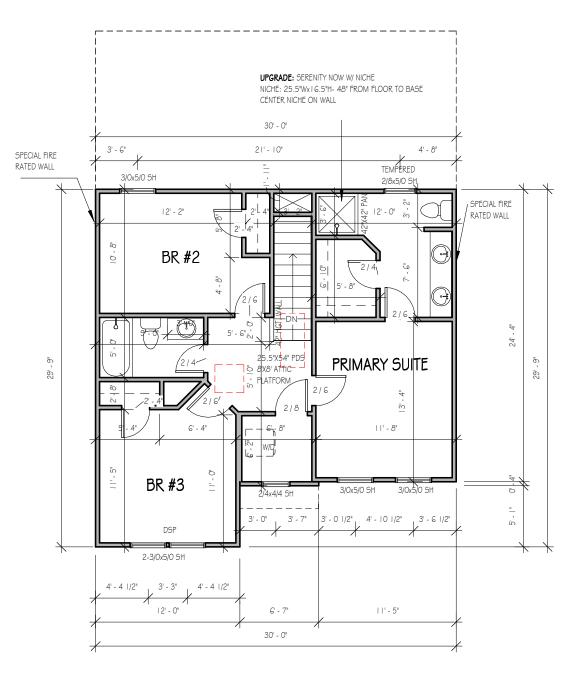
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#### SECOND FLOOR

1/8" = 1'-0"

9'-0" CLG. HGT. U.N.O. SET WINDOWS @ 7'-4" U.N.O.

#### NOTES:

ROUGH FRAME ALL CASED OPENINGS 2" BIGGER THAN FINISHED OPENING CALLS FOR

ROUGH FRAME ALL WINDOW OPENINGS 1/2\* LARGER THAN FINISHED WINDOW CALLS FOR, WHEN PAIRED WITH ANOTHER WINDOW THAT CALLS FOR DSP, ADD EXTRA TO OUTSIDE MEASUREMENT OF WINDOW

ALL EXTERIOR WALLS 2X4

TOP OF ALL WINDOWS SILLS SHALL BE 24" MINIMUM ABOVE THE FINISHED FLOOR <u>OR</u> A FALL PREVENTION DEVICE SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R312.2 OF N.C.S.R.B.C., 2018 EDITION

GBG (GRILL BEWTEEN GLASS) ADDED TO WINDOWS ON CORNER LOT

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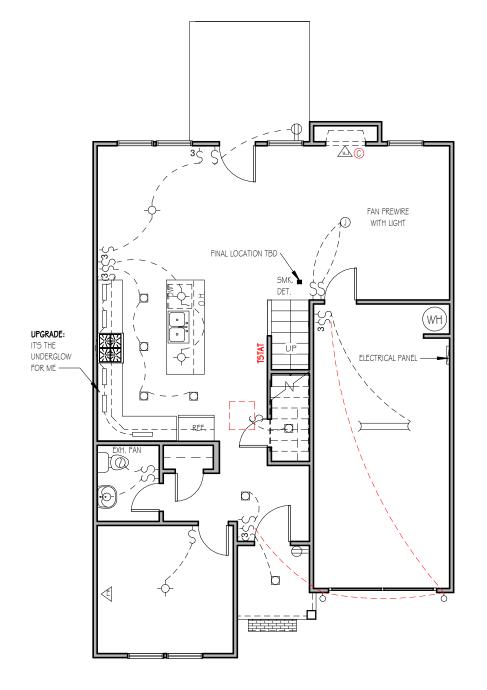
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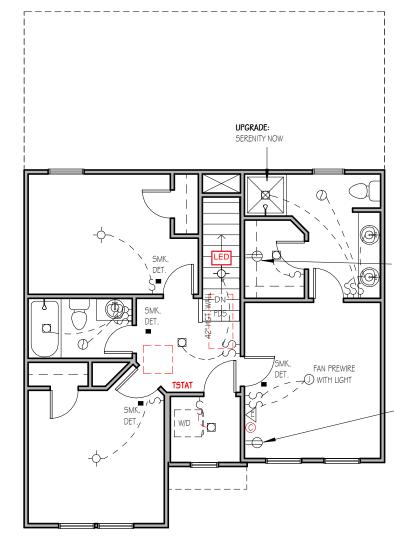
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ETHERNET OUTLETS IN THESE PREDETERMINED LOCATIONS ARE STANDARD, ANY ADDITIONAL OUTLETS ARE AN UPGRADE.

\*\*NOTE: THREE

#### FIRST FLOOR ELECTRICAL PLAN

1/8" = 1'-0"

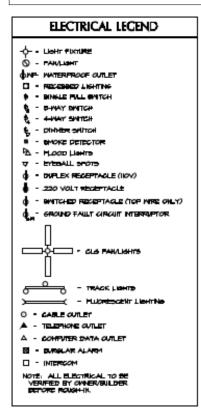
NOTE - ELECTRICAL RECEPTACLE AND SWITCH QUANTITIES AND LOCATIONS SHOWN ON PLAN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL NUMBER AN D LOCATIONS SHALL BE FIELD DETERMINED AS PER CLIENT AND BUILDER EXCEPT WHERE CODE REQUIREMENTS APPLY.

#### SECOND FLOOR ELECTRICAL PLAN

1/8" = 1'-0"

NOTE - ELECTRICAL RECEPTACLE AND SWITCH QUANTITIES AND LOCATIONS SHOWN ON PLAN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL NUMBER AN D LOCATIONS SHALL BE FIELD DETERMINED AS PER CLIENT AND BUILDER EXCEPT WHERE CODE REQUIREMENTS APPLY.

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#### - UPGRADE: I I OV OUTLET

ADDED ON MAIN WALL-FLOOR LEVEL

- UPGRADE: I I OV OUTLET ADDED HALFWAY UP WALL FOR TV



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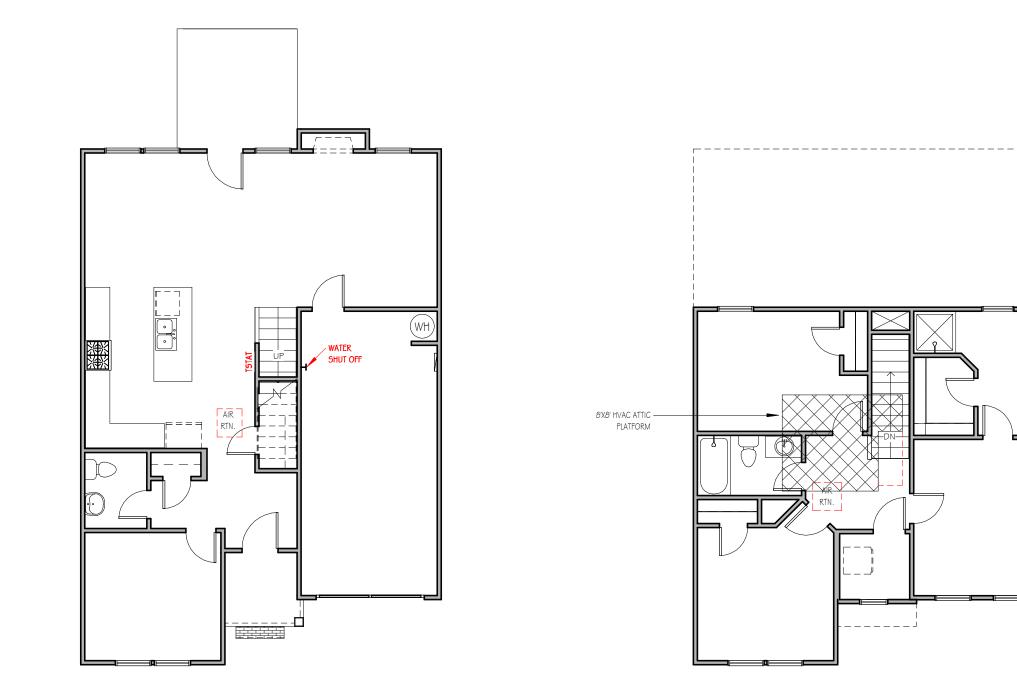
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#### FIRST FLOOR MECHANICAL PAGE

1/8" = 1'-0"

SECOND FLOOR MECHANICAL PAGE

1/8" = 1'-0"

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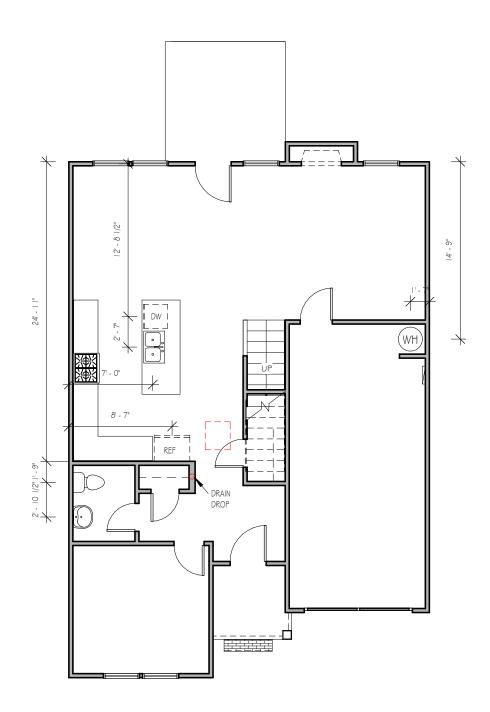
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#### FIRST FLOOR PLUMBING

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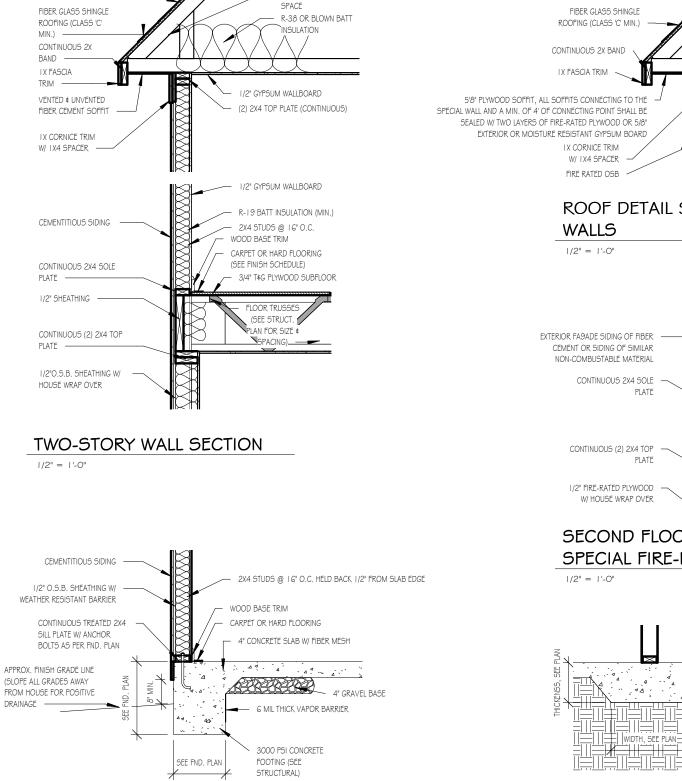
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ROOF TRUSSES PER TRUSS

MAINTAIN 2" CLEAR AIR

MANUFACTURER

## FOUNDATION DETAIL - SLAB

1/2" = 1'-0"

5/8" PLYWOOD

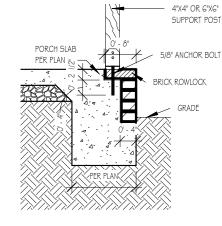
AT JOINTS

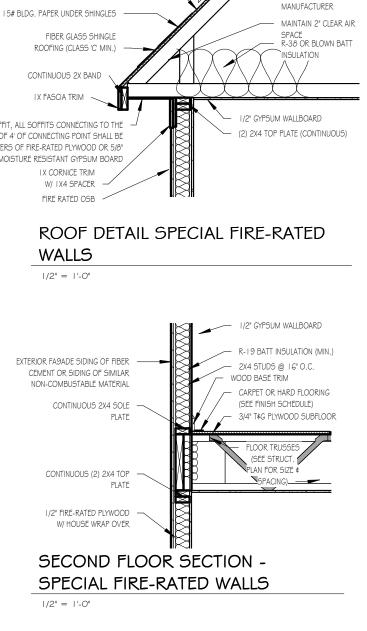
DECKING W/ PLY CLIPS

15# BLDG. PAPER

UNDER SHINGLES

1/2" = 1'-0"





ROOF TRUSSES PER TRUSS

1/2" FIRE-RATED PLYWOOD -

FROM WALL ASSEMBLY

DECKING W/ PLY CLIPS AT JOINTS

EXTENDING AMIN. OF 4' AWAY

1/2" = 1'-0"

# FRONT PORCH COLUMNS SUPPORT ATTACHMENT

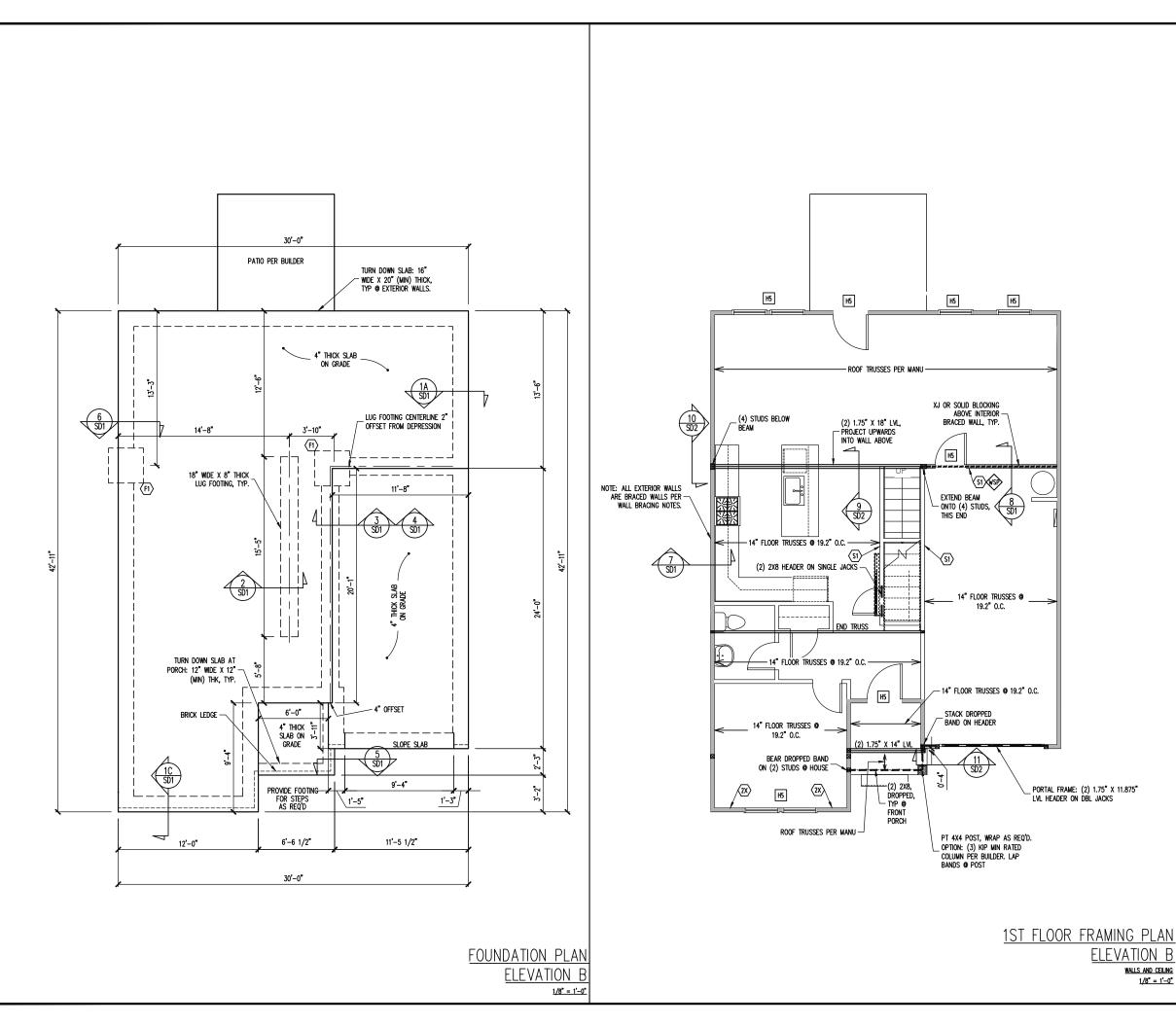
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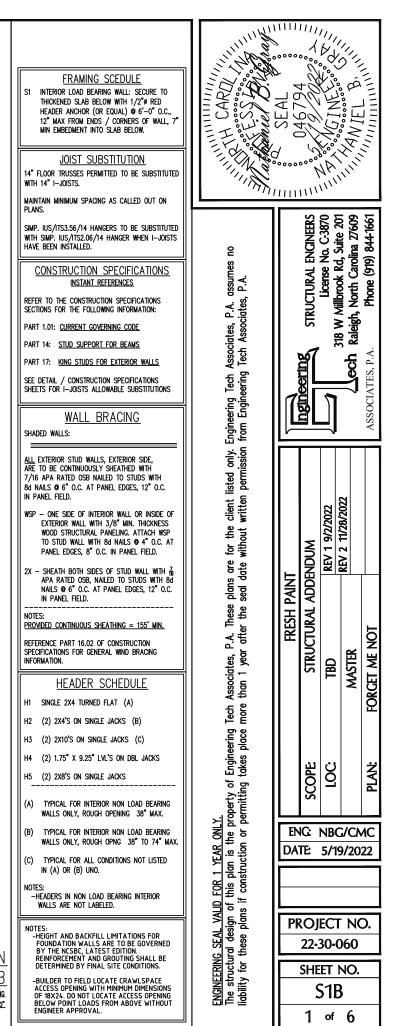
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ММН
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JM
Date Drawn
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9/14/22
9/20/22

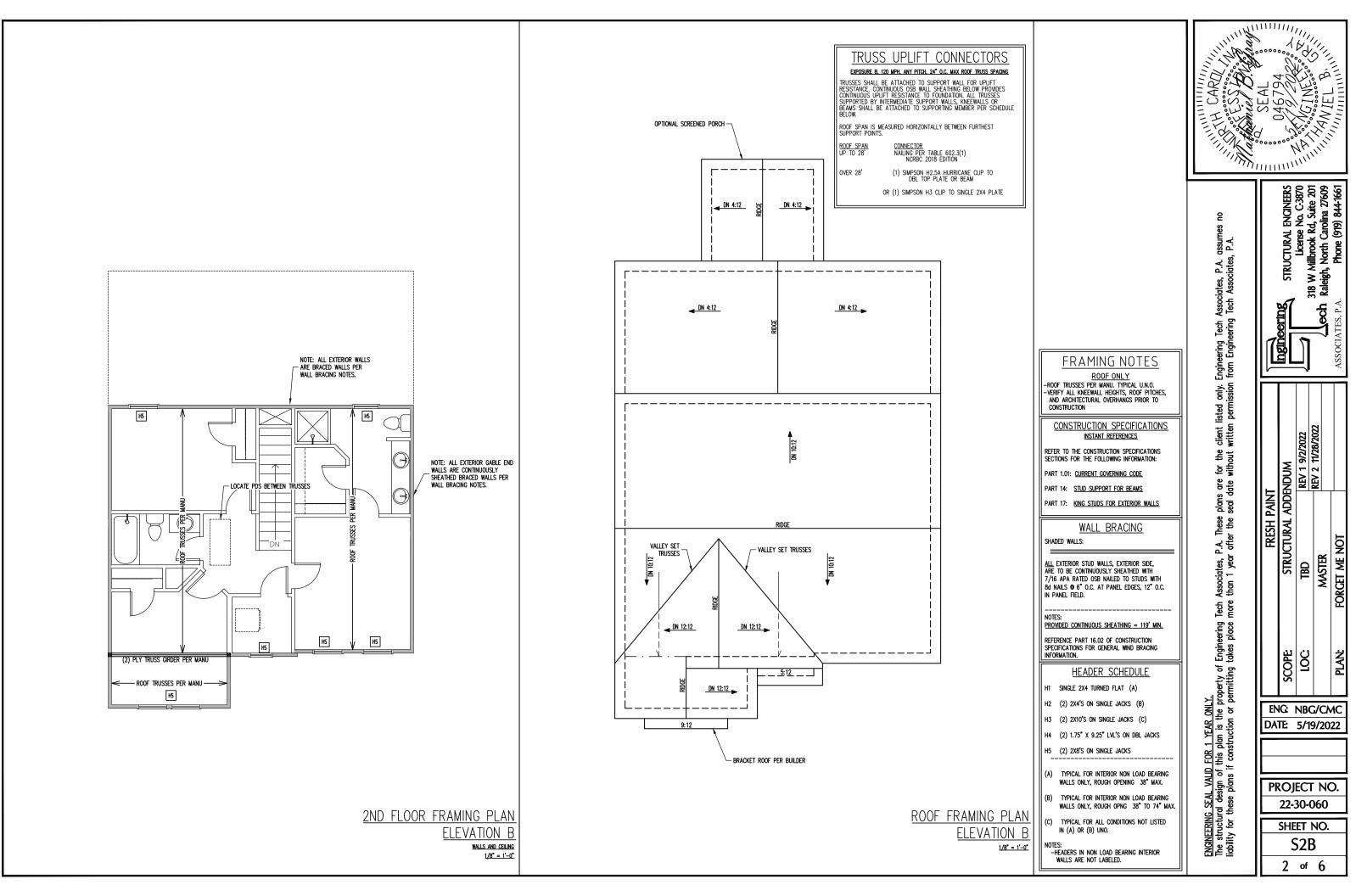


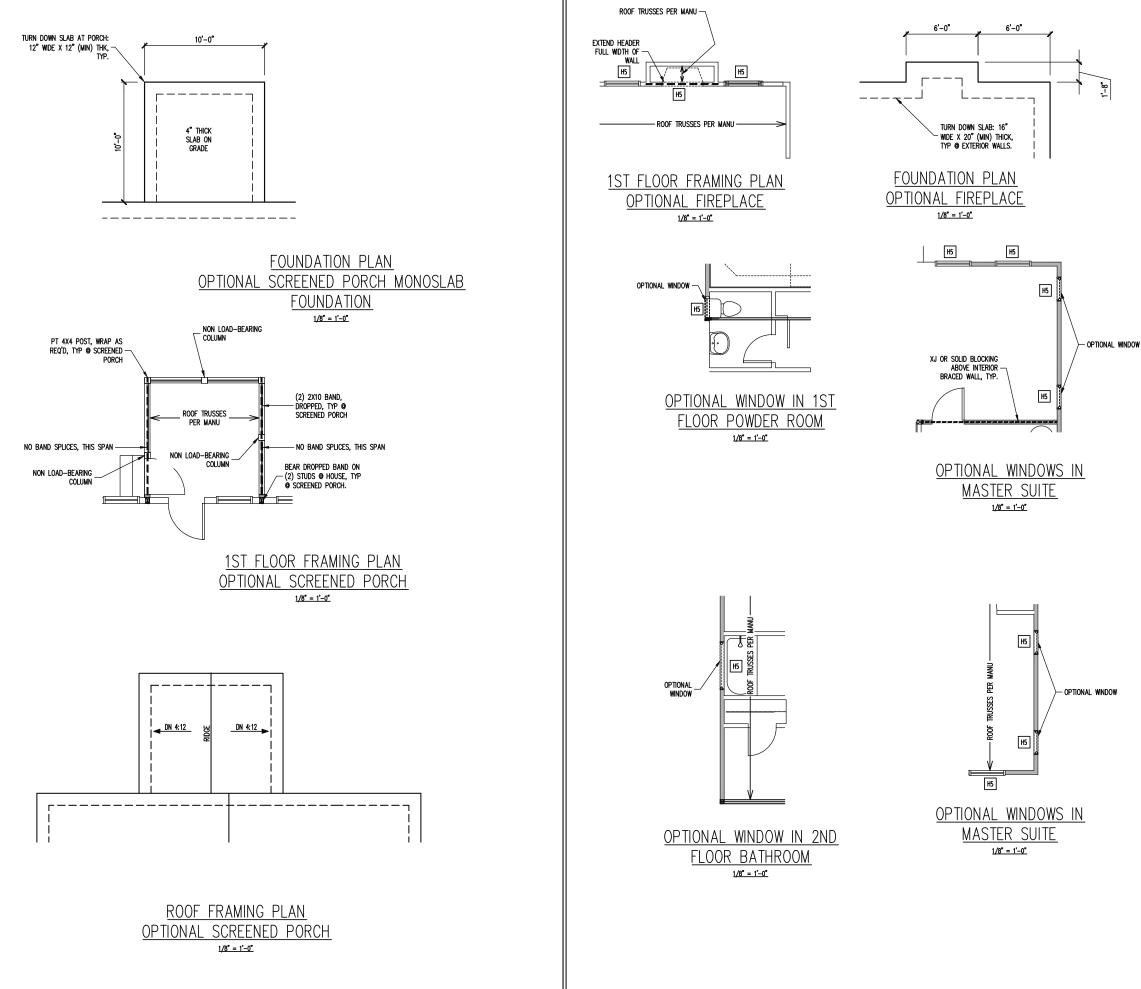
FRESH : PAINT
• P A I IN I by Garman Homes
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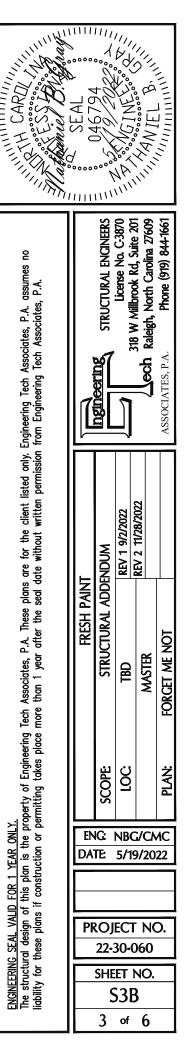
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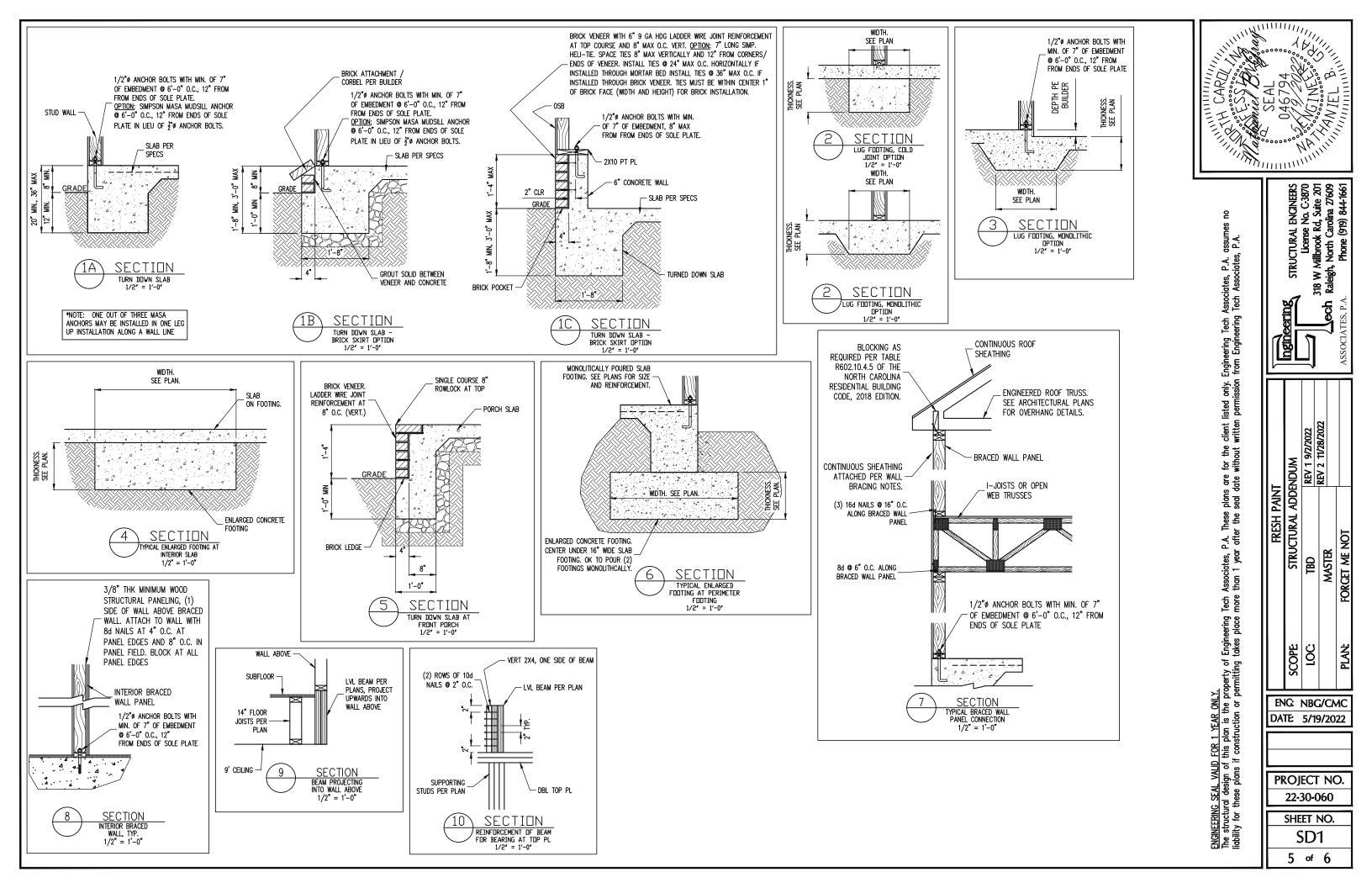












CONSTRUCTION	SPECIFICATIONS		
PART 1: GENERAL 1.01 CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION. 1.02 DIMENSIONS SHOWN SHALL GOVERN OVER SCALE ON THESE DRAWINGS.	1-WHEN THE BEAM IS PERPENDICULAR TO, OR SKEWED RELATIVE TO THE WALL, THE BEAM SHALL BEAR FULL WIDTH ON THE SUPPORTING WALL INDICATED AND SHALL BE SUPPORTED BY A MINIMUM OF THREE GANCED STUDS, OR A GANCED STUD COLUMN WITH A NUMBER OF STUDD SUCH THAT THE STUD COLUMN IS AT LEAST AS WIDE AS THE RVE WIDTH OF THE BEAM BEING SUPPORTED, WHICHEVER IS GREATER, TYP UND, FOR THE SKEWED CONDITION PARTICULAR CARE SHALL BE TAKEN TO ENSURE STUD COLUMN IS CENTERED ON THE BEAM	(2) CONT. 2X TOP PLATES, EXTEND EACH END INTO ADJACENT WALL. NAIL SPLICES WITH 8-16d NAILS PER SPLICE/LAP. CONT. 2X PLATE WITH 10d NAILS AT	
1.05       METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR, WHO SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND INSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.         PART 2: DESIGN LOADS         2.01       DESIGN LOADS SHALL CONFORM WITH THE TABLE BELOW:         USE       LIVE LOAD (PSF)         DEAD LOAD (PSF)	2-BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM SHALL BEAR A MINIMUM OF 4 1/2° ONTO THE WALL AND BE SUPPORTED BY A TRPL STUD GANGED COLUMN TYP UNO. 14.02 DIMENSIONAL LUMBER BEAMS BEARING ON A STUD WALL SHALL BEAR AS FOLLOWS: 1-WHEN THE BEAM IS PERPENDICULAR TO, OR SKEWED RELATIVE TO THE WALL, THE BEAM SHALL BEAR FULL WIDTH ON THE SUPPORTING WALL INDICATED (LESS 1 1/2° TO ALLOW FOR A CONTINUOUS RIM JOIST WHERE APPLICABLE) AND SHALL BE SUPPORTED BY A	16" O.C. INTO HEADER/BEAM 7/16" O.S.B. OR 15/32" PLYWOOD EXTERIOR WALL SHEATHING AT UNSHADED AREAS (BEAM, INFILL WALL ABOVE BEAM, AND CENTER WALL). NAIL SHEATHING TO ALL SUPPORTS (STUDS, PLATES,	MINIMUM LENGTH
BALCONIES, DECKS, ATTICS WITH FIXED STAIR ACCESS, DWELLING UNITS INCLUDING ATTICS WITH FIXED STAIR ACCESS, STAIRS, FIRE ESCAPES 40 10 GARAGES (PASSENGER CARS ONLY) 50 ATTICS (NO STORAGE, LESS THAN 5' HEADROOM) 10 10 ATTICS (WITH STORAGE) 20 10	GANGED STUD COLUMN THE SAME WDTH AS THE DEAM TYP UNO. (E.G. AT TRIPLE 2X10 IS TO BE SUPPORTED BY (3) STUDS). FOR THE SKEWED CONDITION PARTICULAR CARE SHALL BE TAKEN TO ENSURE STUD COLUMN IS CENTERED ON THE BEAM 2-BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM SHALL BEAR MININUM OF 3' ONTO THE WALL AND BE SUPPORTED BY A DBL STUD GANGED COLUMN TYP UNO. 14.03 EXTRA JOISTS BEARING ON A STUD WALL PERPENDICULAR TO OR SKEWED RELATIVE TO THE BEAM SHALL BE SUPPORTED BY ONE ADDITIONAL STUD.	BLOCKING, ETC.) WITH 8d NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. IN THE FIELD.	NAIL AREA 3" 0.
ROOF 20 10 (15 FOR VAULTS) ROOF 20 10 (15 FOR VAULTS) NOTES: - INDIVIDUAL STAIR TREADS ARE TO BE DESIGNED FOR THE UNIFORMLY DISTRIBUTED LIVE LOAD OF 40 PSF OR A 300 LB. CONCENTRATED LOAD ACTING OVER AN AREA OF 4 50, WHICHEVER PRODUCES THE GREATER STRESS. - BUILDER TO VERIFY DEAD LOAD DOES NOT EXCEED 10 PSF WHEN HEAVY FLOOR OR ROOF FINISHES SUCH AS TILE OR SLATE ARE UTILIZED. NOTIFY ENGINEERING UNDER THESE CONDITIONS 2.02 INTERIOR WALLS: 5 PSF LATERAL	14.04 STUDS THAT ARE GANGED TO FORM A COLUMN SHALL HAVE ADJACENT STUDS WITHIN THE COLUMN NAILED TOGETHER WITH ONE ROW OF 10d NAILS AT 8" O.C. (TWO ROWS OF 10d NAILS @ 8" O.C., 3" APART, FOR 2X8 OR 2X10 STUDS) ALL COLUMNS SHALL BE CONTINUOUS DOWN TO THE FOUNDATION OR OTHER PROPERLY DESIGNED STRUCTURAL ELEMENT SUCH AS A BEAM. COLUMNS TRANSFERRING LOADS THROUGH FLOOR LEVELS SHALL BE SOLIDLY BLOCKED FOR THE FULL WIDTH OF THE STUD COLUMN WITHIN THE CANTY FORMED BY THE FLOOR JOISTS.	EXCEEDS 16", PROVIDE ADDITIONAL STUDS AT 16" O.C. NAIL SHEATHING TO ALL STUDS WITH 8d NAILS AT 3" O.C. FOR A PANEL SPLICE (IF NEEDED), PANEL EDGES SHALL OCCUR OVER AND BE NAILED TO COMMON BLOCKING AND	(2) (2) Si Straf Inside
<ul> <li>2.03 BASIC WIND DESIGN VELOCITY OF 120 MPH.</li> <li>2.04 SOIL BEARING CAPACITY 2000 PSF (PRESUMPTIVE).</li> <li>PART 5: CONCRETE AND SLABS ON GRADE.</li> </ul>	PART 15: NAILING OF MULTI PLY WOOD BEAMS 15.01 SOLID SAWN LUMBER JOISTS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM NAILED TOGETHER WITH THREE ROWS OF 100 NAILS @ 16" O.C. FOR 2X10 OR LARGER, TWO ROWS OF 100 NAILS @ 16" O.C. FOR 2X8, ONE ROW OF 100 NAILS @ 16" O.C. FOR 2X6 OR SMALLER. STAGGER ROWS 5" MIN. 15.02 LVL MEMBERS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM FASTENED TOGETHER PER MANUFACTURERS RECOMMENDATIONS, TYP	OCCUR WITHIN MIDDLE 24" OF WALL HEIGHT. ONE ROW OF 3" O.C. NAILING IS REQUIRED IN EACH PANEL EDGE. 7/16" O.S.B. OR 15/32" PLYWOOD EXTERIOR WALL SHEATHING. AT SHADED	
<ul> <li>5.01 CAST IN PLACE CONCRETE SHALL BE OF NORMAL WEIGHT, 6% AIR ENTRAINMENT, AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS TYP UNO. ALL CONCRETE, INCLUDING CONCRETE FOR FOOTINGS, IS TO BE CAST IN PLACE, TYP UNO.</li> <li>5.03 SLABS ON GRADE, IF ANY, SHALL CONTAIN SYNTHETIC POLYPROPYLENE FIBRILLATED MICRO FIBERS, FIBER LENGTH 1 1/2", DOSAGE RATE 1 1/2 LBS/CU YD. SLAB TO BE PLACED ON A 6 MIL VAPOR BARRIER ON 2" MIN GRANULAR FILL ON SOIL WITH 90% MIN STANDARD PROCTOR DENSITY. VAPOR BARRIER MAY BE OMITTED FOR SLABS NOT IN ENCLOSED AREAS</li> <li>PART 7: MASONRY</li> </ul>	UNO PART 16: WALL FRAMING AND BRACING 16.01 STUD WALLS SHALL CONSIST OF 2X4 STUDS SPACED AT 16" O.C. UNO. STUDS SHALL BE CONTINUOUS FROM SOLE PLATE AT FLOOR TO DOUBLE TOP PLATE AT THE CEILING OR ROOF. NO INTERMEDIATE BANDS OR PLATES SHALL CAUSE DISCONTINUITES IN A STUD WALL EXCEPT AS REQUIRED FOR DOOR OR WINDOW OPENINGS. THE KING STUDS FOR SUCH OPENINGS SHALL BE CONTINUOUS, TYP UNO. MAX ALLOWABLE WALL HEIGHTS FOR EXTERIOR STUD WALLS, WITH SOLE PLATE AND DBL TOP PLATE AND 7/16" OSB EXTERIOR BRACING AND ROW OF 2X4 /	AREAS NAIL SHEATHING TO ALL SUPPORTS (STUDS, PLATES, BLOCKING, ETC.) WITH 8d NAILS AT 3" O.C. (2)2x STUD MIN. AT START AND END OF WALL SECMENTS EACH SIDE OF OPENING. SEE PLANS FOR ADDITIONAL STUDS	Conc Maso Shali Of Th
<ul> <li>7.03 MORTAR SHALL BE TYPE S. MORTAR AND GROUT SHALL CONFORM TO ASTM C476, MIN COMPRESSIVE STRENGTH OF 2000 PSI.</li> <li>7.05 LADDER WIRE REINFORCEMENT SHALL CONFORM TO ASTM A951. 6" MIN LAPS FOR CONTINUOUS WALL APPLICATIONS PART 8: BOLTS AND LAG SCREWS</li> <li>8.03 ANCHOR RODS AND BOLTS SHALL CONFORM TO ASTM F1554–15 GRADE 36 UNO. BENT ANCHOR BOLTS SHALL HAVE A 2" MIN HOOK UNO PART 9: DRIVEN FASTENERS</li> </ul>	2X6 PURLINS AT 8' HEIGHT (AND AT 16' HEIGHT FOR TALL WALLS), TYP UNO: 16.02 FOR WALL BRACING THE FOLLOWING SHALL APPLY: -BLOCKING AT UNSUPPORTED PANEL EDGES IS REQUIRED TYP UNO. -WALL BRACING IS BY ENGINEERED DESIGN AND NOT PRESCRIPTIVE PER SECTION 602.10 OF THE 2018 NCRC. CONTINUOUS SHEATHING HAS BEEN PROVIDED, ALONG WITH ALTERNATIVE METHODS TO INSURE THE MINIMUM INTENT OF SECTION 602.10 OF THE 2018 NCRC HAS BEEN MET AND EXCERDED. -BRACED WALL PANELS SHALL BE FASTENED IN ACCORDANCE WITH TABLE 602.3(1) TO PROVIDE CONTINUOUS PANEL UPLIFT RESISTANCE AND COMPLIANCE WITH NCRBC R602.35 AND R802.11 UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS. -MAY SUBSTITUTE WSP FOR GB	2x4 P.T. PLATE WITH TWO 1/2" DIA x 7" EMBED ANCHOR BOLTS WITH A 3/16"x2"x2" PLATE WASHERS OR ADDITIONAL HOLDOWN PER PLANS. <u>OPTION: (2) 5/8" DIA. THREADED RODS</u> <u>INSTALLED PER SECTION R602.10.4.3 OF THE</u> <u>NCRBC, LATEST EDITION.</u>	
9.01 NAILS, SPIKES AND STAPLES SHALL CONFORM TO ASTM F 1667- 05. NAILS ARE TO BE COMMON WIRE OR BOX PART 10: DIMENSIONAL LUMBER	-SINGLE JOIST, CONTINUOUS RIM JOIST, OR BLOCKING OF EQUAL DEPTH IS REQUIRED ABOVE AND BELOW ALL BRACED WALLS. NAIL BLOCKING ABOVE WALL TO TOP PLATE WITH 164 TOE NAILS @ 6° O.C. NAIL SOLE PLATE OF BRACED WALL TO BLOCKING BELOW WITH (3) 164 NAILS @ 16° O.C. BLOCKING AT HORIZONTAL JOINTS IN BRACED WALL LINES ONLY REQUIRED AT SHADED WALLS, UNO.	NOTES	
<ul> <li>10.01 SOLID SAWN WOOD FRAMING DESIGN IS BASED ON NO. 2 SPRUCE PINE FIR <u>OR</u> SYP #2 FOR JOISTS, RAFTERS, GIRDERS, BEAMS, STUDS, ETC.</li> <li><u>PART 11: ENGINEERED LUMBER</u></li> <li>11.01 LVL OR PSL MINIMUM ALLOWABLE DESIGN STRESSES ARE AS FOLLOWS: E = 1.9 X 10E6 PSI, FD = 2600 PSI, FV = 285 PSI, FC = 750 PSI LSL MINIMUM ALLOWABLE DESIGN STRESSES ARE AS FOLLOWS: E = 1.3 X 10E6 PSI, FD = 1700 PSI, FV = 400 PSI, FC = 680 PSI</li> </ul>	PART 17: KING STUDS17.01KING STUDS FOR OPENINGS IN EXTERIOR WALLS SHALL BE AS FOLLOWS:NUMBER OF KING STUDSMAX OPENING WIDTH 5'-0" 9'-0" 13'-0" 17'-0" 21'-0"2X412345STUD SIZE2X6112222X811112	FOLLOWING CONDITIONS ARE NOTED BEFORE OR DURING CONSTRUCTION: 1) THE WORKING PLANS DO NOT BEAR THE SEAL OF THE EOR 2) THE PLANS CONTAIN DISCREPANT OR INCOMPLETE INFORMATION ANY ERRORS DUE TO A FAILURE TO FOLLOW THE ABOVE PROCEDURES SHALL NOT BE THE RESPONSIBILITY OF THE FOR EURTHERMORE IT IS THE RESPONSIBILITY OF THE BUILDER TO DIA D	BOTH BOTH ENDS BETWEEN CAST IN PLACE CONCRETE CONTINUOUS S DIAMETER
<ul> <li>11.02 LVL OR PSL MEMBERS MAY BE RIPPED FROM DEEPER MEMBERS TO MATCH THE MEMBER DEPTH SPECIFIED IN THE PLANS</li> <li>PART 12: PRESSURE TREATED LUMBER</li> <li>12.01 LUMBER IN CONTACT WITH THE GROUND, CONCRETE OR MASONRY SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD C-15. ALL OTHER EXPOSED LUMBER SHALL BE TREATED IN ACCORDANCE WITH AWPA STANDARD C-20 R BY ANY METHOD GIVING EQUAL PROTECTION. THE BUILDING CODE OFFCE MAY ALSO APPROVE A NATURAL</li> </ul>	PART 18: SUBSTITUTIONS 18.01 MATERIAL OR MEMBER SIZE SUBSTITUTIONS OR PLAN DEVIATIONS REQUIRE THE WRITTEN AUTHORIZATION OF THE DESIGNERS. UNAUTHORIZED DEVIATIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PART 19: OWNERSHIP OF STRUCTURAL DESIGN	ENSURE THAN ANY REVISIONS ISSUED BY THE EOR ARE PROMPLY DISTRIBUTED TO THE DJ D SUBCONTRACTORS DISCONTRACTORS DS DE DISCONTRACTORS DS DISC	DOUBLE DOUBLE JOIST DBL STUD POO EQUAL EACH FLANGE FLITCH PLATE FLOOR
DECAY RESISTANT WOOD PER SECTION 19-6(A) PART 14: STUD SUPPORTS FOR BEAMS 14.01 STEEL, ENGINEERED LUMBER, AND FLITCH PLATE BEAMS BEARING ON A STUD WALL SHALL BEAR AS FOLLOWS:	19.01 THE STRUCTURAL DESIGN OF THIS PLAN IS THE PROPERTY OF ENGINEERING TECH ASSOCIATES (ETA). THESE PLANS ARE FOR THE ONE TIME USE AT THE LOCATION INDICATED AND FOR THE CLENT LISTED. ETA ASSUMES NO LUABILITY FOR THESE PLANS IF THEY ARE REPRODUCED, IN WHOLE OR IN PART, FOR CONSTRUCTION AT ANY OTHER LOCATION WITHOUT WRITTEN PERMISSION FROM ETA	ALLOWABLE I-JOIST SUBSTITUTION NOTE: MAINTAIN JOIST DEPTH, DIRECTION, AND SPACING SPECIFIED ON PLANS. MANUFACTURER DEPTH SERIES SIMPSON FACE SIMPSON TOP FLANGE HGR	
		BLUELINX         14"         BLI 40         IUS2.56/14         ITS2.56/14           BOISE         CASCADE         14"         BCI 5000s         IUS2.06/14         ITS2.06/14           BOISE         CASCADE         14"         BCI 6000S         IUS2.37/14         ITS2.56/14           LP         CORP         14"         LPI 20+         IUS2.56/14         ITS2.56/14           NORDIC         14"         NI 40X         IUS2.56/14         ITS2.56/14           ROSEBURG         14"         NI 40X         IUS2.56/14         ITS2.56/14           WEYERHAEUSER         14"         TJI 210         IUS2.06/14         ITS2.50/14           WEYERHAEUSER         14"         TJI 210         IUS2.06/14         ITS2.50/14	

JOISTS NOT LISTED IN THE ABOVE TABLE MAY BE USED PROVIDED THEY MEET OR EXCEED THE PROPERTIES OF THOSE LISTED. SUBSTITUTE USP BRAND HANGERS WITH EQUIVALENT VALUES AS DESIRED.

